U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449A/PTO			Complete if Known		
	NEODMAT	ION DISCI	OSLIDE	Application Number	09/935,779	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	August 24, 2001	
•	STATEMENT OF APPLICANT			First Named Inventor	Frampton E. ELLIS	
	(Use es m	any sheets as neces:	sary)	Art Unit	2152	
				Examiner Name	REILLY	
Sheet	1	of	3	Attorney Docket Number	313449-P0008	

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{28 Iroun)}	Publication Date MM-DD-YYYY	Name of Patenties or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
AS.	1	US -6,732,141	05/2004	ELLIS		
1	2	US -6,287,949	09/2001	MORI et al.		
	3 ·	US -6,440,775	08/2002	KHOURY	·	
	4	US -5,838,542	11/1998	NELSON et al.		
	5	US -5,861,817	01/1999	PALMER et al.		
	6	US -6,950,947	09/2005	PURTELL et al.		
	7	US -5,627,879	05/1997	RUSSELL et al.		
	8	US -6,208,634	03/2001	BOULOS et al.		
	9	US -5,896,499	04/1999	McKELVEY		
	10	US -6,073,209	06/2000	BERGSTEN		
	11	US -5,784,628	07/1998	RENERIS	· · · · · · · · · · · · · · · · · · ·	
1	12	US -5,764,889	06/1998	AULT et al.		
AB	13	US -5,606,615	02/1997	LAPOINTE et al.		
· · · /-		US -				
		US -				
		US -				
		US -				
		US -				

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages; Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
niner]			Date		

•EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of documents are indicated on the document upder WIPO Standard ST.18 if noscible 8 Applicant is to place a check mark bere if document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2005. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number 09/935,779 INFORMATION DISCLOSURE Filing Date August 24, 2001 STATEMENT BY APPLICANT First Named Inventor Frampton E. ELLIS Art Unit 2152 (Use as many sheets as necessary) Examiner Name REILLY Sheet 2 3 Attomey Docket Number of 313449-P0008

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
AS 14		Foster et al., "The Grid: Blueprint for a New Computing Infrastructure", Morgan Kaufman Publishers, Inc., 1998.				
Ì	15	Hwang et al., "Scalable Parallel Computing", WCB McGraw-Hill, 1998.				
	16	Patterson et al., "Computer Architecture: A Quantitative Approach" (2nd Edition), Morgan Kaufmann Publishers, Inc., 1996.				
:	17	Culler et al., "Parallel Computer Architecture", Morgan Kaufmann Publishers, Inc., 1998.				
	18	Hennessy et al., "Computer Organization and Design", Morgan Kauffmann Publishers, Inc., 1998.				
·	19	Dallas Morning News; "LSI holds big plans for tiny chips Versatility of system on a chip' creates niche in microelectronics;" March 4, 1996				
	20	Mokhoff; "System-on-a-chip comes to wireless arena;" Electronic Engineering Times; Feb 12, 1996				
	21	Cindi; "System on a Chip' stars at ISSCC;" Electronic News; Feb 19, 1996				
13	22	Ang; "System-on-a-chip to define next-generation set-top box"; Electronic Engineering Times; Dec 15, 1995				
Examiner Signature		Date Considered Z/11/0	8			

[•]EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, OSPTO to process) an application. Commentality is governed by 30.4.3.5. T.2. and 37 of 1.14. This consolidate is considered to long 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substit	ute for form 1449A/PTC)		Complete if Known	^
INE		או חופרו ה	CIIDE	Application Number	09/935,779	· ·
INFORMATION DISCLOSURE				Filing Date	August 24, 2001	
STATEMENT BY APPLICANT			CANI	First Named Inventor	Frampton E. ELLIS	
				Art Unit	2152	· · · · ·
	(Use as many sheets as necessary)			Examiner Name	REILLY	
Sheet	3	of	3	Attorney Docket Number	313449-P0008	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
18	23	Marc; "New family of microprocessor cores from LSI Logic extends customers' system-on-a-chip design capability" Nov 7, 1994	
	24	Wall Street Journal; "Technology Brief – Advance Micro Devices Inc.: Company unveils Microchip for Hand-Held Computers"; Oct 18, 1993	
	25	Gelsinger, Patrick et al. "Microprocessors circa 2000," IEEE Spectrum, October 1989 pp. 43-47.	
]	26	Yu, Albert. "The Future of Microprocessors," IEEE Micro, December 1996, pp. 46-53.	
	27	McWilliams. "Dell to Phase Out Computers Using Intel's Itanium," The Wall Street Journal, Online, September 15, 2005.	
	28	David PESCOVITZ, "Power of the PC", Scientific American, pp. 27-28 (April 2000)	
	29	Stephen H. WILDSTROM, "The Problem with Firewalls", Business Week, pp. 25 (March 20, 2000)	i
	30	J. McH., "Build Your Own Supercomputer", FORBES, pp. 228 (November 15, 1999)	
	31	Office Action issued in related copending U.S. Patent Application No. 09/884,041, mailed January 30, 2007.	
	32	Office Action issued in related copending U.S. Patent Application No. 10/684,657, mailed March 1, 2007.	
AS	33	Office Action issued in related copending U.S. Patent Application No. 10/802,049, mailed September 17, 2007.	
Examiner Signature		Date Considered Z/1/	OS

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449A/PTO			Complete if Known			
	NEODRANIC	M DISCLO	YELIDE	Application Number	09/935,779		
INFORMATION DISCLOSURE				Filing Date	August 24, 2001		
3	STATEMENT BY APPLICANT		First Named Inventor	Frampton E. ELLIS			
	(Use as many	sheets as necessary)	Art Unit	2152		
				Examiner Name	REILLY		
Sheet	1	of	2	Attorney Docket Number	313449-P0008		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (Finance)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -		·	
		US -			
		US -			
		US -			
		US -			
		US-			
		US -			
		US -			
		US -			
		US -			
		US -			
		US -			

Examiner nitials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°
		Country Code* Number* Kind Code* (if known)			or relevant rigures Appear	
						ļ
	 					
	ļ	2				_
miner	<u> </u>		L	Date		L

-EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not if conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case, any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a. (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
as collection of information unless it contains a unfit OMB actual contains.

Orider the re	·········	ute for form 1449A/P			Complete if Known
INITO	DARATIC	N DISCL	SCLIDE	Application Number	09/935,779
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	August 24, 2001	
STA	JEMENI	I BA ABBE	JCAN I	First Named Inventor	Frampton E. ELLIS
				Art Unit	2152
	(Use as m	any sheets as neces	sary)	Examiner Name	REILLY
Sheet	2	of	2	Attorney Docket Number	313449-P0008

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	L ₅
K		Office Action issued in related U.S. Patent Application No. 09/085,755, mailed December 12, 2007	
B		Office Action issued in related U.S. Patent Application No. 09/884,041, mailed December 12, 2007	
		·	
Examiner Signature		Date Considered 2/1//0	8

•EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.